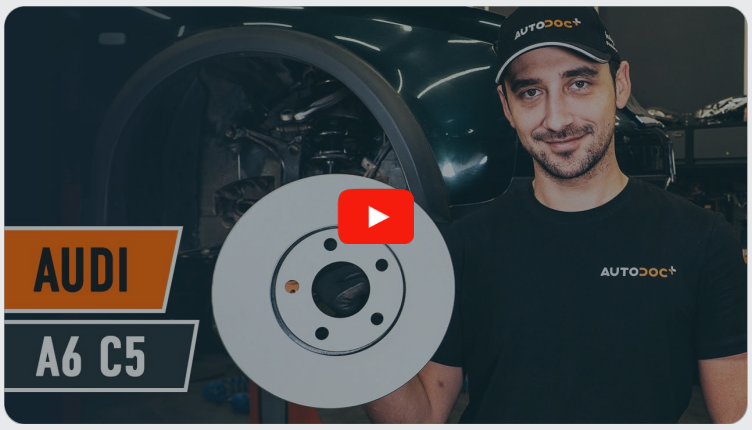
AUTODOC CLUB

# How to change front brake discs on **AUDI 100 C4 Avant (4A5)** – replacement guide

## SIMILAR VIDEO TUTORIAL




This video shows the replacement procedure of a similar car part on another vehicle

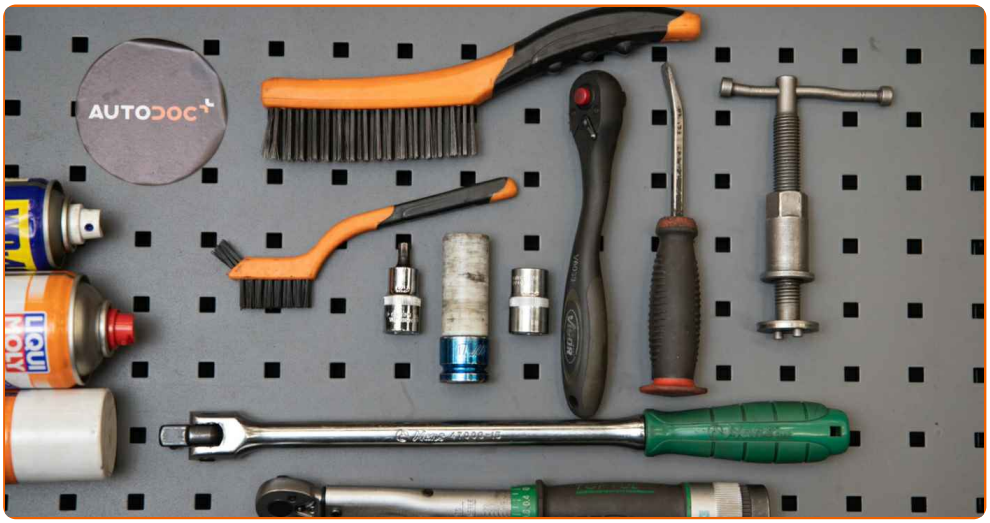
**Important!**

This replacement procedure can be used for:
AUDI 100 C4 Avant (4A5) 2.6, AUDI 100 C4 Avant (4A5) 2.8 E, AUDI 100 C4 Avant (4A5) 2.6 quattro, AUDI 100 C4 Avant (4A5) 2.8 E quattro, AUDI 100 C4 Avant (4A5) 2.6 E quattro

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: AUDI A6 Avant (4B5, C5) 2.4

# REPLACEMENT: BRAKE DISCS – AUDI 100 C4 AVANT (4A5). LIST OF THE TOOLS YOU'LL NEED:




- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Drive socket # 17
- HEX bit No.H7
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

Buy tools

AUTODOC recommends:

- Replace the brake disks on the car AUDI 100 C4 Avant (4A5) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – AUDI 100 C4 Avant (4A5) – should be done with the engine switched off.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the hood. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.

3 Loosen the wheel mounting bolts. Use wheel impact socket #17.

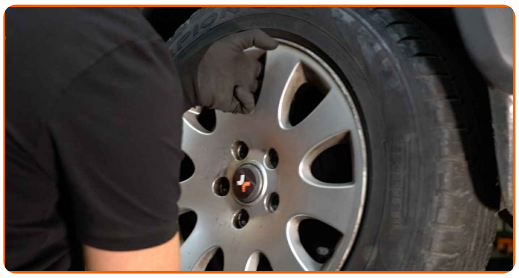
4 Raise the front of the car and secure on supports.

5 Unscrew the wheel bolts.

## AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
AUDI 100 C4 Avant (4A5)

6 Remove the wheel.

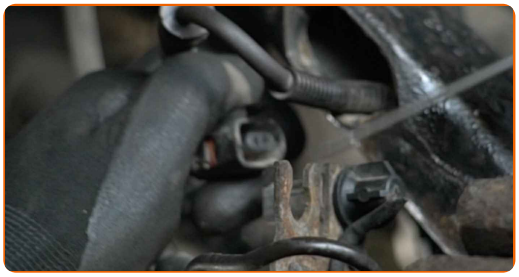


7 Spread the brake pads. Use a crowbar.

8 Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.

**9** Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.

**10** Disconnect the brake pad wear sensor plug.

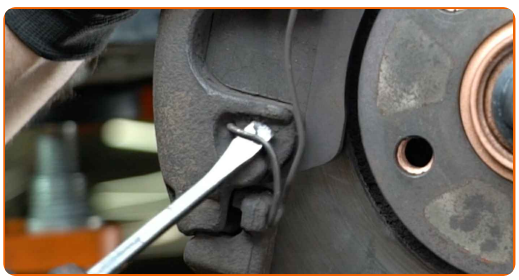


**11** Disconnect the brake pads wear sensor. Use a crowbar.

**Please note!**

- Some cars are not equipped with the brake pad wear sensor.

**12** Detach the brake caliper retaining spring. Use a crowbar.

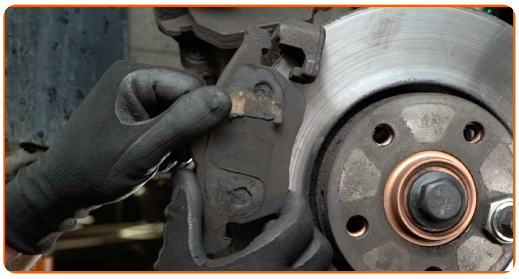


**13** Remove the brake caliper.

## Replacement: brake discs – AUDI 100 C4 Avant (4A5). AUTODOC experts recommend:

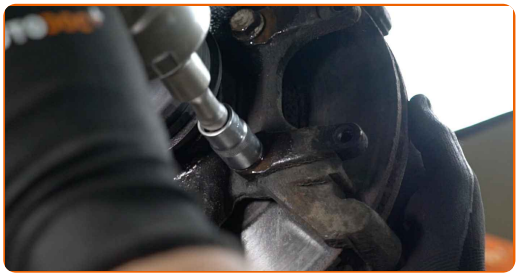
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

**14** Remove the brake pads.



**15** Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use WD-40 spray.

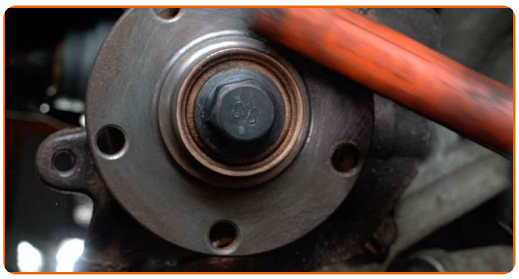
**16** Unscrew the caliper bracket fastening. Use a drive socket #17. Use a tap wrench. Use a ratchet wrench.



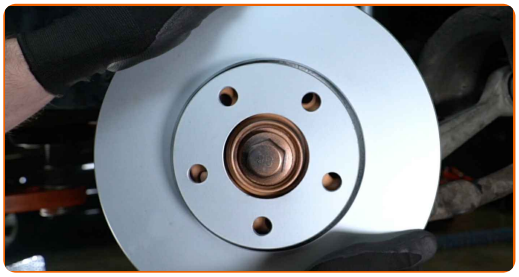
**17** Remove the caliper bracket.

**18** Remove the brake disc.

**19** Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



**20** Install the brake disc.

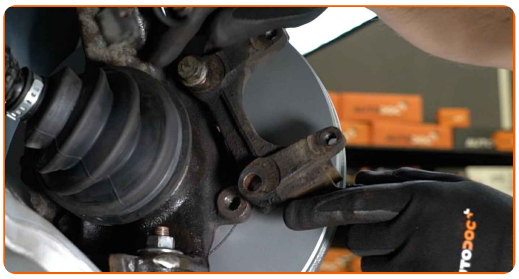


**21** Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

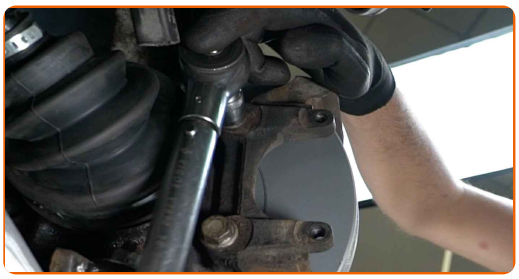
## AUTODOC recommends:

- Replacement: brake discs – AUDI 100 C4 Avant (4A5). After applying the spray, wait a few minutes.

**22** Install the brake caliper bracket.



**23** Tighten the brake caliper bracket. Use a drive socket #17. Use a torque wrench. Tighten it to 130 Nm torque.



**24** Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.

## Replacement: brake discs – AUDI 100 C4 Avant (4A5). Tip from AUTODOC experts:

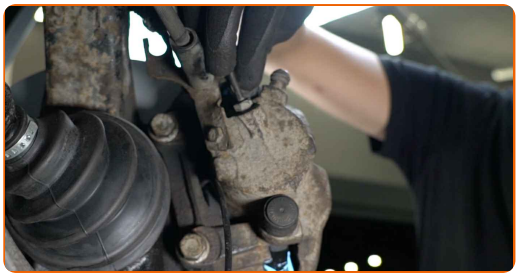
- After applying the spray, wait a few minutes.

**25** Press in the brake caliper piston. Use brake caliper wind back tool.

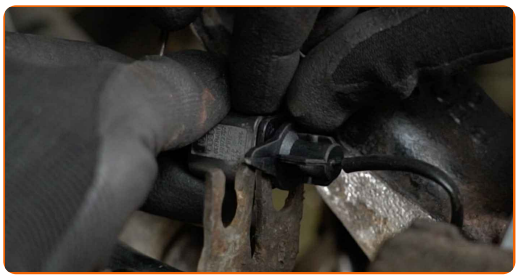
**26** Install the brake pads.

**27** Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.

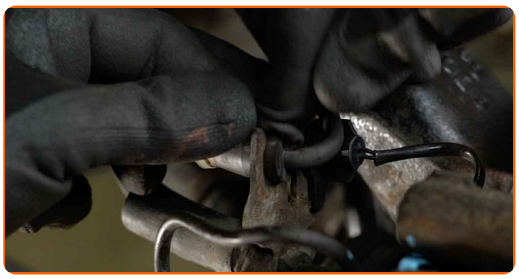
**28** Install the dust boot caps of the brake caliper guide pins.



**29** Connect the brake pads wear sensor.



**30** Connect the brake pad wear sensor plug.



**31** Install the brake caliper retaining spring.

**32** Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

**33** Clean the brake disk surface. Use a brake cleaner.

## AUTODOC recommends:

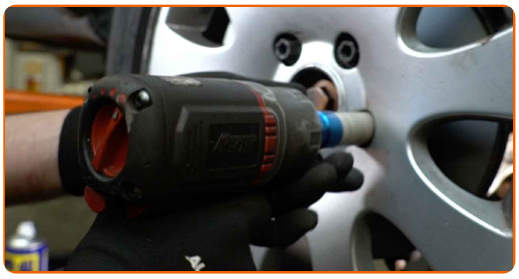
- Replacement: brake discs – AUDI 100 C4 Avant (4A5). After applying the spray, wait a few minutes.

**34** Install the wheel.

## AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. AUDI 100 C4 Avant (4A5)

**35** Screw in the wheel bolts. Use wheel impact socket #17.



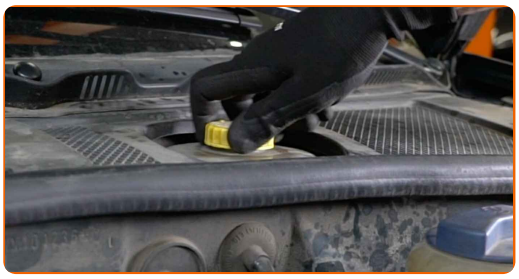
**36** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

**37** Remove the jacks and chocks.

## Replacement: brake discs – AUDI 100 C4 Avant (4A5). Professionals recommend:

- Check the brake fluid level in the expansion tank and refill if necessary.
- Without starting the engine, press the brake pedal several times until you feel significant resistance.

**38** Tighten the brake fluid reservoir cap. Close the hood.



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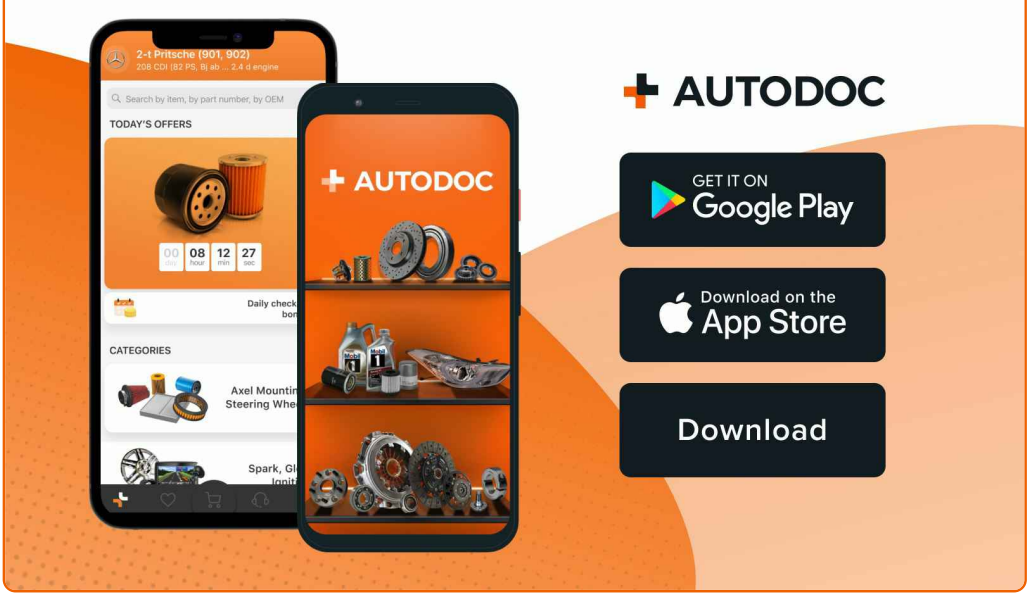


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